M.Eng.ME

Master of Engineering in Mechanical Engineering

Department of Mechanical Science and Engineering | University of Illinois Urbana-Champaign

The Master of Engineering in Mechanical Engineering (M.Eng.ME) is a **non-thesis professional master's degree** for students seeking to get ahead in one of today's most highly sought-after fields. The M.Eng.ME provides advanced technical knowledge as well as experiential and professional development opportunities. Engineers with a professional master's degree from the University of Illinois are more competitive and see a greater starting salary and improved career trajectory over engineers who hold only a bachelor's degree.

#3
online master's program in ME
(USNWR 2025)

Full-time • Part-time • On campus • Online

Personalized support from day one, no matter how you're enrolled in the program
Close-knit, diverse community of your peers

Tracks of Study

Design & Mechanics
Controls & Robotics
Energy
Manufacturing
Fluid & Thermal Sciences
Biomechanics

Or build your own course list with a custom track!

Learn more

*"**Attending the M.Eng.ME program was one of the most influential decisions of my engineering career.** Its comprehensive courses and engaging professors ensured my ability to get a job in a competitive field. My employer has stated that my hands-on experience in this program gave me a big advantage in my interview where I had presented my work in designing and building a car powered solely by a handheld drill. **Not only are the courses some of the best I have ever taken, the program staff provides incredible support in helping you choose your best path.**"*

-- Dan Panno (M.Eng.ME 2022)
Associate at Exponent

mechse.illinois.edu | mechse-meng@illinois.edu

Degree Requirements

ME or TAM coursework	16 hours minimum
Electives, selected in consultation with an advisor	4 hours minimum
Professional development	4 hours minimum
Total	**32 hours**

*You can also earn a graduate concentration in **Entrepreneurship and Innovation** -- available to both online and on-campus students!*

Career Preparation

Courses are taught by renowned MechSE faculty and highly regarded industry experts, bringing their real-world experiences to the classroom. Capstone projects showcase student-developed engineering solutions for leading industrial partners, and professional internships for course credit are an option. The Engineering Career Services office in The Grainger College of Engineering also offers personalized resources to assist students in their professional job search.

Employment

Our graduates are employed at companies such as:

Abbott Laboratories
Amazon
ASM
Boeing
Caterpillar
Connelly Electric Company
Dow Chemical
Delphi Technologies
Exponent
Intel
John Deere
Microsoft
Milwaukee Tools
NASA
Navistar
Nevada Gold Mines
Northrop Grumman
Ontario Power Generation
Redwood Materials
Sandia National Laboratories
Siemens
SpaceX
Tesla
Trane Technologies
U.S. Air Force

They have accepted positions such as:

Application Engineer
Design Engineer
Controls Engineer
Electrification Engineer
Engineering Consultant
Patent Analyst
Product Engineer
Project Leader
R&D Scientist & Engineer
Research Aerospace Engineer
Robotics Engineer
Safety Engineer
Senior Associate Software Engineer
Senior Product Development Engineer
Vehicle Engineering Associate

*"M.Eng.ME has been a stepping stone in my life and career. Being part of this program helped me grow my skills in fields I never had a chance to advance before. **It made it possible for me to gain more hands-on experience and dive deeper into the robotics field** by taking courses such as Mechatronics, Robot Dynamics and Control and an independent study in Humanoid Robotics. **This helped me immensely in landing an internship and a job in the industry after graduation.** Additionally, the program facilitated building a valuable professional network with peers who went on to work at major industry leaders."*

-- Saba Setayeshi (M.Eng.ME 2023; with a concentration in Entrepreneurship and Innovation)
Mechanical Engineer at LifeFoundry

ILLINOIS

Department of Mechanical Science and Engineering
Part of the top-ranked Grainger College of Engineering:
#1 online master's degrees for veterans
#2 online master's degrees in engineering